## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
344	180	US-20010052681-\$.  US-20010052681-\$.  DID. OR US- 122001D-\$.DID. OR  US-2804719-\$.DID. OR  US-2804719-\$.DID.  OR US- 20020087661-\$.  DID. OR US- 20020085952-\$.  DID. OR US- 20020115951-\$.  DID. OR US- 20020115951-\$.  DID. OR US- 20020183702-\$.  DID. OR US- 20030177311-\$.  DID. OR US- 20030143352-\$.  DID. OR US- 20030143352-\$.  DID. OR US- 20030143352-\$.  DID. OR US- 20030182446-\$.  DID. OR US- 20070233022-\$.  DID. OR US- 20070233022-\$.  DID. OR US- 20990682740-\$.  DID. OR US- 2547758-\$.DID. OR  US-2560915-\$.DID. OR  US-360915-\$.DID. OR  US-3608672-\$.DID. OR  US-3608678-\$.DID. OR  US-3608087-\$.DID. OR  US-3623087-\$.DID. OR  US-3622624-\$.DID.  OR US- 3623087-\$.DID. OR	US-PGPUB; USPAT; USOOR; EPO	OR	OFF	2010/07/12

US-4096853-\$.DID.
OR US-4165748-\$.
DID. OR US-
4184510-\$.DID. OR
US-4233969-\$.DID.
OR US-4245630-\$.
DID. OR US-
4256109-\$.DID. OR
US-4261363-\$.DID.
OR US-4284079-\$.
DID. OR US-
4333468-\$.DID. OR
US-4392853-\$.DID.
OR US-4392858-\$.
DID. OR US-
4419097-\$.DID. OR
US-4465485-\$.DID.
OR US-4475909-\$.
DID. OR US-
4480638-\$.DID. OR
US-4508533-\$.DID.
OR US-4525156-\$.
DID. OR US-
4525374-\$.DID. OR
US-4543100-\$.DID.
OR US-4548202-\$.
DID. OR US-
102285D-\$.DID. OR
102285D-\$.DID. OR US-4551139-\$.DID.
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$.
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US-
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID.
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$.
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US-
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR
102285D-\$.DID. OR US-4551139-\$.DID. OR US-456348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-8112285-\$.
102285D-\$.DID., OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-8112285-\$. DID. OR US-
102285D-\$.DID. OR US-4551139-\$.DID. OR US-469348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717322-\$.DID. OR US-8112285-\$. DID. OR US- 4758220-\$.DID. OR
102285D-\$.DID., OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-8112285-\$. DID. OR US-
102285D-\$.DID. OR US-4551139-\$.DID. OR US-469348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717322-\$.DID. OR US-8112285-\$. DID. OR US- 4758220-\$.DID. OR
1022850-\$.DID. OR US-4559348-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-8112285-\$. DID. OR US- 4758220-\$.DID. OR US-4787888-\$.DID. OR
1022850-\$, DID., OR US-4551139-\$, DID. OR US-4569348-\$, DID. OR US- 4614794-\$, DID. OR US-4640688-\$, DID. OR US-4710165-\$, DID. OR US- 4713051-\$, DID. OR US-4717332-\$, DID. OR US-8112285-\$, DID. OR US- 4758220-\$, DID. OR US-4787888-\$, DID. OR US-4826494-\$, DID. OR US-
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-4717332-\$.DID. OR US-478888-\$.DID. OR US-478888-\$.DID. OR US- 4758220-\$.DID. OR US- 4758220-\$.DID. OR US- 47582949-\$.DID. OR US- 4826949-\$.DID. OR US- 4826949-\$.DID. OR US-
1022850-\$, DID., OR US-4551139-\$, DID. OR US-4569348-\$, DID. OR US- 4614794-\$, DID. OR US-4640688-\$, DID. OR US-4710165-\$, DID. OR US- 4713051-\$, DID. OR US-4717332-\$, DID. OR US-8112285-\$, DID. OR US- 4758220-\$, DID. OR US-4787888-\$, DID. OR US-4826494-\$, DID. OR US-
1022850-\$, DID., OR US-4559348-\$, DID. OR US-4569348-\$, DID. OR US-4659348-\$, DID. OR US-4640688-\$, DID. OR US-4710165-\$, DID., OR US-4710165-\$, DID., OR US-4717332-\$, DID., OR US-4717332-\$, DID., OR US-478280-\$, DID., OR US-4787888-\$, DID. OR US-4826494-\$, DID., OR US-4826494-\$, DID., OR US-4828883-\$, DID., OR US-48288883-\$, DID., OR US-4828883-\$, DID., OR US-4828883-\$, DID., OR US-4840187-\$,
1022850-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-4717332-\$.DID. OR US-478888-\$.DID. OR US-4826494-\$. DID. OR US- 4826949-\$.DID. OR US-4883883-\$.DID. OR US-484840187-\$. DID. OR US-
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-4717332-\$.DID. OR US-8112285-\$. DID. OR US- 4758220-\$.DID. OR US-4787888-\$.DID. OR US-4826494-\$. DID. OR US- 4826949-\$.DID. OR US-4838883-\$.DID. OR US-4840187-\$. DID. OR US- 48449862-\$.DID. OR US-4838883-\$.DID.
1022850-\$.DID. OR US-4559348-\$.DID. OR US-4569348-\$. DID. OR US-4569348-\$. DID. OR US-4640688-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US-4710165-\$. DID. OR US-4717332-\$.DID. OR US-4717332-\$.DID. OR US-4717332-\$.DID. OR US-4787888-\$.DID. OR US-4826494-\$.DID. OR US-4826494-\$.DID. OR US-4826494-\$.DID. OR US-4826949-\$.DID. OR US-4826950-\$.DID. OR US-4850350-\$.DID. OR US-4850350-\$.DID. OR
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-4717332-\$.DID. OR US-47888-\$.DID. OR US-81280-\$.DID. OR US-4826494-\$.DID. OR US-4840187-\$.DID. OR US-48868-\$.DID. OR US-48868-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-4880350-\$.DID. OR US-4880350-\$.DID. OR US-4880350-\$.DID. OR US-4880350-\$.DID. OR US-4860350-\$.DID. OR US-4860350-\$.DID. OR
1022850-\$, DID., OR US-4551139-\$, DID. OR US-4569348-\$, DID. OR US- 4614794-\$, DID. OR US-4640688-\$, DID. OR US-4710165-\$, DID. OR US- 4713051-\$, DID. OR US-4717332-\$, DID. OR US-8112285-\$, DID. OR US- 4758220-\$, DID. OR US-4787888-\$, DID. OR US-4826494-\$, DID. OR US- 4826949-\$, DID. OR US-4838883-\$, DID. OR US-4836494-\$, DID. OR US- 4841962-\$, DID. OR US-4850350-\$, DID. OR US-4850350-\$, DID. OR US-4850350-\$, DID. OR US-484949-\$, DID. OR US-
102285D-\$.DID. OR US-4551139-\$.DID. OR US-4569348-\$. DID. OR US- 4614794-\$.DID. OR US-4640688-\$.DID. OR US-4710165-\$. DID. OR US- 4713051-\$.DID. OR US-4717332-\$.DID. OR US-4717332-\$.DID. OR US-47888-\$.DID. OR US-81280-\$.DID. OR US-4826494-\$.DID. OR US-4840187-\$.DID. OR US-48868-\$.DID. OR US-48868-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-48808-\$.DID. OR US-4880350-\$.DID. OR US-4880350-\$.DID. OR US-4880350-\$.DID. OR US-4880350-\$.DID. OR US-4860350-\$.DID. OR US-4860350-\$.DID. OR

OR US-4902508-\$.
DID. OR US-
DID. ON US
4906233-\$.DID. OR
US-4919654-\$.DID.
OR US-4956178-\$.
DID. OR US-
4970298-\$.DID. OR
US-4985019-\$.DID.
OR US-5034006-\$.
DID. OR US-
5037397-\$.DID. OR
US-5086170-\$.DID.
OR US-5092858-\$.
DID. OR US-
5134994-\$.DID. OR
US-5167622-\$.DID.
OR US-5181908-\$.
DID. OR US-
5197948-\$.DID. OR
US-5215522-\$.DID.
OR US-5224929-\$.
DID. OR US-
5232453-\$.DID. OR
US-5256418-\$.DID.
OR US-5275826-\$.
DID. OR US-
5278100-\$.DID. OR
US-5279550-\$.DID.
OR US-5281422-\$.
DID. OR US-
5314409-\$.DID. OR
US-5338293-\$.DID.
OR US-5342301-\$.
DID. OR US-
5342376-\$.DID. OR
US-5352463-\$.DID.
OR US-5370610-\$.
DID. OR US-
5372821-\$.DID. OR
US-5409013-\$.DID.
OR US-5437622-\$.
DID. OR US-
5445833-\$.DID. OR
US-5449383-\$.DID.
OR US-5516533-\$.
DID. OR US-
5554389-\$.DID. OR
US-5573784-\$.DID.
OR US-5578662-\$.
DID. OR US-
5621035-\$.DID. OR
US-5629186-\$.DID.
OR US-5631011-\$.

DID. OR US-	
DID. OR US- 5641518-\$.DID. OR US-5645860-\$.DID. OR US-5672151-\$. DID. OR US- 5674193-\$.DID. OR US-5681290-\$.DID. OR US-5695998-\$. DID. OR US- 5711969-\$.DID. OR US-5749842-\$.DID. OR US-5749842-\$.DID. OR US-5753267-\$.	
US-5645860-\$.DID.	
OR US-5672151-\$.	
DID. OR US-	
5674193-\$.DID. OR	
US-5681290-\$.DID.	
OR US-5695998-\$.	
DID. OR US-	
5711969-\$.DID. OR	
US-5749842-\$.DID.	
OR US-5753267-\$. DID. OR US-	
5755791-\$.DID. OR	
US-5762966-\$.DID.	
OR US-5780281-\$.	
DID. OR US-	
5795584-\$.DID. OR	
US-5800383-\$.DID.	
OR US-5855619-\$.	
DID. OR US-	
5866414-\$.DID. OR	
US-5902874-\$.DID.	
OR US-5902875-\$.	
DID. OR US-	
5914387-\$.DID. OR	
US-5931304-\$.DID. OR US-5942496-\$.	
DID. OR US- 5951295-\$.DID. OR	
US-4332281-\$.DID.	
OR US-5962427-\$.	
DID. OR US-	
5997568-\$.DID. OR	
US-6013048-\$.DID.	
OR US-6099567-\$.	
DID. OR US-	
6171344-\$.DID. OR	
US-6232364-\$.DID.	
OR US-6206931-\$.	
DID. OR US-	
6241747-\$.DID. OR	
US-6287316-\$.DID.	
OR US-6325798-\$.	
DID. OR US- 6364853-\$.DID. OR	
US-6394142-\$.DID.	
5997568-\$.DID. OR US-6013048-\$.DID. OR US-6099567-\$. DID. OR US-6171344-\$.DID. OR US-6232364-\$.DID. OR US-6232364-\$.DID. OR US-6232364-\$.DID. OR US-6232378-\$.DID. OR US-6325798-\$.DID. OR US-63453-\$.DID. OR US-6344142-\$.DID. OR US-6440427-\$.DID. OR US-6472581-\$.DID. OR US-6472581-\$.DID. OR US-6472581-\$.DID. OR US-6472581-\$.DID. OR US-6472581-\$.DID. OR US-6488643-\$.DID. OR US-6488645-\$.DID. OR US-6488645-\$.	
DID. OR US-	
6440427-\$.DID. OR	
US-6472581-\$.DID.	
OR US-6488643-\$.	
DID. OR US-	

6493568-\$.DID. OR US-6814079-\$.DID. OR US-6966889-\$. DID. OR US-744390-\$.DID. OR US-7144390-\$.DID. OR US-7422576-\$.DID. OR US-7534927-\$.DID. OR US-7534927-\$.DID. OR US-7534927-\$.DID. OR US-205436-\$.DID. OR US-205436-\$.DID. OR US-205436-\$.DID. OR US-205436-\$.DID. OR US-205436-\$.DID. OR US-205436-\$.DID. OR US-2107488-\$.DID. OR US-1127488-\$.DID. OR US-112748-\$.DID. OR US-1127789-\$.DID. OR US-112778-\$.DID. OR US	
6049601-\$.DID. OR US-7144393-\$.DID. OR US-7338482-\$. DID. OR US-7338482-\$. DID. OR US-7381211-\$.DID. OR US-7524286-\$. DID. OR US-7534927-\$.DID. OR US-7534927-\$.DID. OR US-25640413-\$. DID. OR US-157466-\$.DID. OR US-157466-\$.DID. OR US-1127488-\$. DID. OR DE-2809828-\$.DID. OR US-1127488-\$. DID. OR DE-4306478-\$.DID. OR US-1127488-\$. DID. OR EP-0161865-\$.DID. OR EP-0161865-\$.DID. OR EP-0161865-\$.DID. OR EP-0161865-\$.DID. OR US-219525-\$.DID. OR US-2197789-\$.DID. OR US-2197789-\$.DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-195256-\$.DID. OR US-195256-\$.DID. OR US-195256-\$.DID. OR US-195255-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-195255-\$.DID. OR US-195255-\$.DID. OR US-2307180-\$.DID. OR US-1950002182-\$.DID. OR US-1980002182-\$.DID. OR WO-1990010424-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID.	US-6814079-\$.DID. OR US-6966889-\$.
US-7144390-\$.DID. OR US-7338482-\$. DID. OR US-7338482-\$. DID. OR US-7381211-\$.DID. OR US-7422576-\$.DID. OR US-7524286-\$. DID. OR US-7524286-\$. DID. OR US-7534927-\$.DID. OR US-2005436-\$.DID. OR US-2005436-\$.DID. OR US-2005436-\$.DID. OR DE-2640413-\$. DID. OR US- 1574066-\$.DID. OR DE-2809828-\$.DID. OR DE-2809828-\$.DID. OR DE-3006-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-23957180-\$.DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-2306180-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 20003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	6049601-\$.DID. OR
OR US-7338482-\$. DID. OR US 7381211-\$.DID. OR US-7422576-\$.DID. OR US-7524286-\$. DID. OR US-7524286-\$. DID. OR US-7534927-\$.DID. OR US-2005436-\$.DID. OR US-2005436-\$.DID. OR DE-2640413-\$. DID. OR US-1127488-\$. DID. OR US-2197789-\$. DID. OR US-2197789-\$. DID. OR US-2356748-\$.DID. OR US-2356748-\$.DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-1127488-\$. DID. OR US-1127488-\$. DID. OR US-112748-\$. DID. OR US-112748-\$. DID. OR US-112748-\$. DID. OR WO-11287004626-\$. DID. OR WO-11280002189-\$. DID. OR WO-2003057071-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID.	
DID. OR US- 7381211-\$.DID. OR US-7422576-\$.DID. OR US-7422576-\$.DID. OR US-7524286-\$. DID. OR US- 7534927-\$.DID. OR US-205436-\$.DID. OR US-25640413-\$. DID. OR US- 1574066-\$.DID. OR DE-2640413-\$. DID. OR US- 1574066-\$.DID. OR DE-2809828-\$.DID. OR US-1127488-\$. DID. OR DE- 4012232-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR DE-015857-\$.DID. OR US-2197789-\$. DID. OR US- 2235877-\$.DID. OR US-2356148-\$. DID. OR US- 235877-\$.DID. OR US-2356148-\$. DID. OR US- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1990028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID. OR WO- 2003101508-\$.DID.	
7381211-\$.DID. OR US-7422576-\$.DID. OR US-7524286-\$. DID. OR US 7534927-\$.DID. OR US-2005436-\$.DID. OR DE-2640413-\$. DID. OR US- 1574066-\$.DID. OR DE-2899828-\$.DID. OR US-1127488-\$. DID. OR DE-401232-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-9161865-\$.DID. OR DE-9161865-\$.DID. OR DE-9161865-\$.DID. OR DE-92585302-\$. DID. OR EP- 1018967-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2395255-\$.DID. OR US-2395255-\$.DID. OR US-2395255-\$.DID. OR US-239518-\$.DID. OR US-239518-\$.DID. OR US-239518-\$.DID. OR US-236148-\$. DID. OR JP- 4129536-\$.DID. OR WO-1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
US-7422576-\$.DID. OR US-7524286-\$. DID. OR US-7534927-\$.DID. OR US-2005436-\$.DID. OR US-2005436-\$.DID. OR DE-2640413-\$. DID. OR US- 1574066-\$.DID. OR DE-2809828-\$.DID. OR US-1127488-\$. DID. OR US- 4012232-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-0161865-\$.DID. OR EP-0161865-\$.DID. OR EP-0161865-\$.DID. OR US-2197789-\$. DID. OR US- 2235877-\$.DID. OR US-2397789-\$. DID. OR US- 235877-\$.DID. OR US-2356148-\$. DID. OR US- 235877-\$.DID. OR US-2356-\$.DID. OR US-2366-\$.DID. OR US-2366-\$.DID. OR WO-1990002182-\$. DID. OR WO- 1990010424-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR US-7524286-\$. DID. OR US-7534927-\$.DID. OR US-2005436-\$.DID. OR US-2005436-\$.DID. OR US-2005436-\$.DID. OR US-1574066-\$.DID. OR US-1127488-\$.DID. OR US-1127488-\$.DID. OR US-1127488-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR EP-0161865-\$.DID. OR EP-0161865-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-23057180-\$.DID. OR US-1980002182-\$.DID. OR US-1980002182-\$.DID. OR WO-198000255-\$.DID. OR WO-198000255-\$.DID. OR WO-1980002505-\$.DID. OR WO-2000028890-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID.	
DID. OR US- 7534927-\$.DID. OR US-2005436-\$.DID. OR US-2005436-\$.DID. OR DE-2640413-\$. DID. OR US- 1574066-\$.DID. OR DE-2899828-\$.DID. OR US-1127488-\$. DID. OR DE- 4012232-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-9161865-\$.DID. OR DE-9161865-\$.DID. OR DE-9161865-\$.DID. OR DE-9161865-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-239518-\$.DID. OR US-239518-\$.DID. OR US-239518-\$.DID. OR US-239518-\$.DID. OR US-239518-\$.DID. OR US-23956-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1998002205-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
7534927-\$.DID. OR US 2005436-\$.DID. OR US 2005436-\$.DID. OR DE-2640413-\$.DID. OR DE-2809828-\$.DID. OR US-1127488-\$.DID. OR US-1127488-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR US-219759-\$.DID. OR US-219759-\$.DID. OR US-2356148-\$.DID. OR US-2356148-\$.DID. OR US-2356148-\$.DID. OR US-19526-\$.DID. OR US-19526-\$.DID. OR US-19526-\$.DID. OR US-19526-\$.DID. OR US-19526-\$.DID. OR WO-1980002182-\$.DID. OR WO-1990010424-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID.	
US-2005436-\$_DID. OR DE-2640413-\$. DID. OR US- 1574066-\$_DID. OR DE-2809828-\$_DID. OR DE-2809828-\$_DID. OR DE-127488-\$. DID. OR DE- 4012232-\$_DID. OR DE-4306478-\$_DID. OR DE-4306478-\$_DID. OR DE-4306478-\$_DID. OR DE-0161865-\$_DID. OR DE-0161865-\$_DID. OR DE-0161865-\$_DID. OR DE-0358302-\$_DID. OR US-2195255-\$_DID. OR US-2195255-\$_DID. OR US-2195255-\$_DID. OR US-2356148-\$_DID. OR US-2356148-\$_DID. OR US-2356148-\$_DID. OR US-2356148-\$_DID. OR US-2365169-\$_DID. OR US-2306180-\$_DID. OR US-1980002182-\$_DID. OR WO- 1980002182-\$_DID. OR WO- 1990010424-\$_DID. OR WO- 1990010424-\$_DID. OR WO- 2000028890-\$_DID. OR WO- 2000028890-\$_DID. OR WO- 2003057307-\$_DID. OR WO- 2003101508-\$_DID.	
OR DE-2640413-\$. DID. OR US DID. OR US 1574066-\$.DID. OR DE-2809828-\$.DID. OR US-1127488-\$. DID. OR DE- 4012232-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR DE-015255-\$.DID. OR US-2197789-\$. DID. OR US-2197789-\$. DID. OR US-2356748-\$.DID. OR US-2356748-\$.DID. OR US-2356148-\$.DID. OR US-2356148-\$.DID. OR US-2356148-\$.DID. OR US-2356148-\$.DID. OR US-23565-\$.DID. OR US-23565-\$.DID. OR US-0180002182-\$. DID. OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
DID. OR US- 1574066-\$.DID. OR DE-2809828-\$.DID. OR US-1127488-\$. DID. OR DE- 4012232-\$.DID. OR DE-4306478-\$.DID. OR WO-94020152-\$. DID. OR EP- 0100148-\$.DID. OR EP-0161865-\$.DID. OR EP-0161865-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-2306148-\$.DID. OR WO- 1980002182-\$.DID. OR WO- 1987004626-\$.DID. OR WO- 198001242-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057307-\$.DID.	
1574066-\$.DID. OR DE-2809828-\$.DID. OR DE-2809828-\$.DID. OR US-1127488-\$. DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR WO-94020152-\$. DID. OR DE-0161865-\$.DID. OR DE-0161865-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-2356148-\$.DID. OR US-2356148-\$.DID. OR WO-1980002182-\$.DID. OR WO-1980002182-\$.DID. OR WO-1980002182-\$.DID. OR WO-198000205-\$.DID. OR WO-198000205-\$.DID. OR WO-2000028890-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID.	
DE-2809828*S.DID. OR US-1127488*S. DID. OR DE- 4012232*S.DID. OR DE-4306478*S.DID. OR DE-4306478*S.DID. OR DE-4306478*S.DID. OR DE-0161865*S.DID. OR DE-0161865*S.DID. OR DE-0161865*S.DID. OR DE-0161865*S.DID. OR DE-0161865*S.DID. OR DE-016255*S.DID. OR US-2197789*S.DID. OR US-2197789*S.DID. OR US-23567*S.DID. OR US-23567*S.DID. OR US-23567*S.DID. OR US-2356148*S. DID. OR US- DID. OR US- DID. OR US- DID. OR WO- 1987004626*S.DID. OR WO- 1998002205*S.DID. OR WO- 2003057071*S.DID. OR WO- 2003057071*S.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508*S.DID.	
OR US-1127488-\$. DID. OR DE- 4012232-\$.DID. OR DE-4306478-\$.DID. OR WO-94020152-\$. DID. OR EP- 0100148-\$.DID. OR EP-0161865-\$.DID. OR EP-0358302-\$. DID. OR EP- 1018967-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-2307180-\$.DID. OR US-2356148-\$. DID. OR US- 203657-\$.DID. OR WO- 1987004626-\$.DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
DID. OR DE- 4012232-\$.DID. OR DE-4306478-\$.DID. OR DE-4306478-\$.DID. OR WO-94020152-\$. DID. OR EP- 0100148-\$.DID. OR EP-0161865-\$.DID. OR EP-0358302-\$. DID. OR EP- 1018967-\$.DID. OR US-2195255-\$.DID. OR US-2197789-\$. DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR JP- 4129536-\$.DID. OR WO-1987004626-\$.DID. OR WO- 1987004626-\$.DID. OR WO- 19880022182-\$. DID. OR WO- 1988002205-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
4012232-\$.DID. OR DE-4306478-\$.DID. OR WO-94020152-\$. DID. OR EP-0161865-\$.DID. OR EP-0161865-\$.DID. OR EP-0358302-\$. DID. OR EP-0358302-\$. DID. OR EP-0358302-\$. DID. OR US-2195255-\$.DID. OR US-2197789-\$. DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-0356148-\$. DID. OR WO-1980002182-\$. DID. OR WO-1987004626-\$.DID. OR WO-1990010424-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID.	
DE-4306478-\$,DID. OR WO-94020152-\$. DID. OR EP- 0100148-\$,DID. OR EP-0161865-\$,DID. OR EP-0161865-\$,DID. OR EP-0358302-\$. DID. OR EP- 1018967-\$,DID. OR US-2195255-\$,DID. OR US-2195789-\$. DID. OR US- 2235877-\$,DID. OR US-2305180-\$,DID. OR US-2356148-\$. DID. OR US- 2305180-\$,DID. OR US-2356148-\$. DID. OR JP- 4129536-\$,DID. OR WO- 1980002182-\$,DID. OR WO- 198000205-\$,DID. OR WO- 2003057071-\$,DID. OR WO- 2003057307-\$,DID. OR WO- 2003101508-\$,DID.	
OR WO-94020152-\$. DID. OR EP- DID. OR EP- 0100148-\$.DID. OR EP-0161865-\$.DID. OR EP-0356302-\$. DID. OR EP- 1018967-\$.DID. OR US-2195255-\$.DID. OR US-2197789-\$. DID. OR US-2357789-\$. DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
DID. OR EP- 0100148-\$.DID. OR EP-0161865-\$.DID. OR EP-0358302-\$. DID. OR EP- 1018967-\$.DID. OR US-2197789-\$. DID. OR US-2197789-\$. DID. OR US-235877-\$.DID. OR US-235877-\$.DID. OR US-2356148-\$. DID. OR US- 2356148-\$. DID. OR US- 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1990010424-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 199800205-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
0100148-\$.DID. OR EP-0161865-\$.DID. OR EP-0358302-\$. DID. OR EP-1018967-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-235877-\$.DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR US-2365180-\$.DID. OR WO-1980002182-\$.DID. OR WO-1980002182-\$.DID. OR WO-1990010424-\$.DID. OR WO-1990010424-\$.DID. OR WO-199007042-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID.	
EP-0161865-\$, DID. OR EP-0358302-\$, DID. OR EP- 1018967-\$, DID. OR US-2195255-\$, DID. OR US-2295789-\$, DID. OR US- 2235877-\$, DID. OR US-2307180-\$, DID. OR US-2307180-\$, DID. OR US-2356148-\$, DID. OR US- 1980002182-\$, DID. OR WO- 1987004626-\$, DID. OR WO- 1990010424-\$, DID. OR WO- 2003057071-\$, DID. OR WO- 2003057071-\$, DID. OR WO- 2003057307-\$, DID. OR WO- 2003057307-\$, DID. OR WO- 2003101508-\$, DID.	
OR EP-0358302-\$. DID. OR EP- 1018967-\$.DID. OR US-2195255-\$.DID. OR US-2197789-\$. DID. OR US- 2235877-\$.DID. OR US-2356148-\$. DID. OR JP- 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
DID. OR EP- 1018967-\$.DID. OR US-2195255-\$.DID. OR US-2195255-\$.DID. OR US-23577-\$.DID. OR US-235817-\$.DID. OR US-2356148-\$. DID. OR JP- 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
1018967-\$.DID. OR US-2195255-\$.DID. OR US-2197789-\$. DID. OR US-2367180-\$.DID. OR US-2367180-\$.DID. OR US-2367180-\$.DID. OR US-2366148-\$. DID. OR US-1980002182-\$. DID. OR WO-1990010424-\$.DID. OR WO-1990010424-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003057307-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID. OR WO-2003101508-\$.DID.	
US-2195255-\$.DID. OR US-2197789-\$. DID. OR US- 2235877-\$.DID. OR US-2356148-\$. DID. OR JP- 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 200028890-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR US-2197789-\$. DID. OR US 2235877-\$.DID. OR US-23967180-\$.DID. OR US-2356148-\$. DID. OR JP. 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 200028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
DID. OR US- 2235877-\$.DID. OR US-2356148-\$. DID. OR JP- 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
2235877-\$.DID. OR US-2307180-\$.DID. OR US-2356148-\$. DID. OR US-2356148-\$. DID. OR WO-1980002182-\$. DID. OR WO-198004626-\$.DID. OR WO-1990010424-\$.DID. OR WO-19900205-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057071-\$.DID. OR WO-2003057307-\$.DID. OR WO-203101508-\$.DID. OR WO-203101508-\$.DID.	
US-2307180-\$_DID. OR US-2356148-\$. DID. OR JP- 4129536-\$_DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$_DID. OR WO- 1990010424-\$_DID. OR WO- 2003057071-\$_DID. OR WO- 2003057071-\$_DID. OR WO- 2003057307-\$_DID. OR WO- 2003057307-\$_DID. OR WO- 2003101508-\$_DID.	
OR US-2356148-\$. DID. OR JP- 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
DID. OR JP. 4129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
A129536-\$.DID. OR WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 200028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
WO-1980002182-\$. DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
DID. OR WO- 1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID.	
1987004626-\$.DID. OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 200028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR WO- 1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003057307-\$.DID.	
1990010424-\$.DID. OR WO- 1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 20030577071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR WO- 1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
1998002205-\$.DID. OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR WO- 2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
2000028890-\$.DID. OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR WO- 2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
2003057071-\$.DID. OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR WO- 2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
2003057307-\$.DID. OR WO- 2003101508-\$.DID.	
OR WO- 2003101508-\$.DID.	
2003101508-\$.DID.	
OH US-1231213-\$.	
	OH US-1231213-\$.

	****	DID. OR US- 7542006-\$.DID.	***************************************	***************************************	***************************************	***************************************
S45	28	("4219021"   "4364394"   "4445897"   "44586564"   "4704102"   "4717379"   "4950230"   "5100395"   "5108364"   "5540668"   "5891111").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DEHWENT; IBM_TDB	OR	OFF	2010/07/12 17:55

## EAST Search History (Interference)

< This search history is empty>

## 7/12/2010 7:27:46 PM

C:\ Documents and Settings\ mhand\ My Documents\ EAST\ Workspaces\ 10524957.wsp